

What is claimed is:

- Paul
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1. A non-asbestos friction material comprising:
a fibrous reinforcement;
a friction modifier;
a binder; and
5 a soluble amorphous substance mixed as friction
material components,
wherein the soluble amorphous substance is a
composition composed of SiO_2 as a principal component, 18
to 40 wt% of at least one kind of CaO and MgO , less than 10
10 wt% of at least one kind of Al_2O_3 and ZrO_2 , and less than 2
wt% of at least one kind of Na_2O , K_2O , FeO and Fe_2O_3 .
2. The non-asbestos friction material according to
Claim 1, wherein the soluble amorphous substance is mixed
in a range of from 1 wt% to 30 wt% of a total of said
15 friction material.
3. The non-asbestos friction material according to
Claim 1, wherein the soluble amorphous substance is fibrous
or granular.

4. The non-asbestos friction material according to Claim 1, wherein the soluble amorphous substance is formed of fibers having an average fiber diameter in a range of from 2 μm to 9 μm and an average fiber length in a range of
5 from 100 μm to 1,500 μm .

5. The non-asbestos friction material according to Claim 1, wherein the soluble amorphous substance is formed of grains having an average grain size in a range of from 2 μm to 100 μm .

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